00

PTO/SB/08A (08-03) for use through 07/31/2005. OMB 0651-0031 fice; U.S.-DEPARTMENT OF COMMERCE

Substitute for form 1445 PAPPMAN	Complete if Known				
INFORMATION DISCLOSURE	Application Number Filing Date	10/728.310 December 4, 2003			
STATEMENT BY APPLICANT	First Named Inventor Group Art Unit	Marvin M. Johnson			
(use as many sheets as necessary)	Examiner Name	2253.01101			

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.	Document Number  Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
WG	AA	US-3,755,488	08-28-1973	Johnson et al.	
WG	AB	US-2002/0068843	06-06-2002	Dai et al.	
WG	AC	US-6,358,399	03-19-2002	Minkkinen et al.	
WG	AD	US-20040002553	01-01-2004	Hall et al.	
ws	AE	US-6,602,920	08-05-2003	Hall et al.	
we	AF	US-6,323,247	11-27-2001 .	Hall et al.	
WG	AG	US-6,130,260	10-10-2000	Hall et al.	

FOREIGN PATENT DOCUMENTS						
Examiner	Cite	Foreign Patent Document				l T°
Initials*	No.1	Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where RelevantPassages or Relevant Figures Appear	
	BA					-

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS					
Initials* No. item (book, magazine, journal, serial, symposium,		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, seral, symposim, caulog, etc.), date, page(s), volume-issue number(s), publisher, city and/or county where publisher.	T²		
ws	CA	A. Malek and S. Farooq, Hydrogen Purification from Refinery Fuel Gas by Pressure Swing Adsorption, AIChE Journal, September 1998, Vol. 44, No. 9, pp. 1985-1992			
WG	СВ	International Search Report, PCT/US03/38871, Date of Mailing 06 Dec. 2004	+		
	-		$^{\dagger}$		

Examiner Signature	Water D. Duff	Date Considered	4-18-2005
EXAMINER:	Initial reference considered, whether or not citation is in conformance with MPEP 609. Dra	w line through cit	ation if not in conformance and not considered.

Application of the company of the co